



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00000YS
Revision No:
2

This is to certify:

That

H. Honert jr. oHG
Am Pickhammer 7, D-58802 Balve-Garbeck,
Germany

is an approved manufacturer of
Bolt and Nuts

in accordance with
DNV rules for classification – Ships

and the following particulars:

Products	Fasteners and connecting elements such as bolts and nuts
Grade(s)	Alloy, Martensitic stainless
Dimensions	Diameter max. 120 mm
Heat treatment condition	See page 2

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules. Materials to be applied to DNV classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2021-12-30**

for **DNV**

This Certificate is valid until **2024-12-31**.

DNV local station: **Essen**

Approval Engineer: **Enno Brück**

Thorsten Lohmann
Head of Section

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Particulars of the approval

Bolts and nuts:

Grade	Heat treatment condition ²⁾	Diameter, max. [mm]	Weight, max. [kg]
Alloy steels acc. to ISO 898-1, ISO 898-2, EN 10083-3 and/or EN 10269			
34CrMo4	QT	120	800
25CrMo4			
42CrMo4			
30CrNiMo8			
34CrNiMo6			
Martensitic stainless acc. to EN 10088-3 ¹⁾			
1.4313	QT	120	800
1.4418			
1.4057			

Remark:

- ¹⁾ For applications considered to be subject to special approval
- ²⁾ QT: quenched + tempered